

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063766.D
 Acq On : 1 Oct 2020 12:58
 Operator : JC/MD
 Sample : VN1001WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:11:16 PM

Quant Time: Oct 02 02:29:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	251399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	211082	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.55	113	144124	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.06	98	541170	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.38	95	197173	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48319	18.215	ug/l	99
3) Chloromethane	2.04	50	55021	17.677	ug/l	97
4) Vinyl Chloride	2.16	62	55946	17.906	ug/l	100
5) Bromomethane	2.53	94	37737	19.202	ug/l	93
6) Chloroethane	2.68	64	35649	19.095	ug/l	99
7) Trichlorofluoromethane	2.98	101	93646	18.899	ug/l	96
8) Diethyl Ether	3.38	74	34436	20.549	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50655	19.126	ug/l	98
10) Methyl Iodide	3.91	142	54231	17.635	ug/l	98
11) Tert butyl alcohol	4.73	59	49108	107.097	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	48654	19.219	ug/l	97
13) Acrolein	3.57	56	26800	95.230	ug/l	97
14) Allyl chloride	4.28	41	90934	19.335	ug/l	99
15) Acrylonitrile	4.93	53	129700	98.817	ug/l	99
16) Acetone	3.77	43	128156	100.238	ug/l	99
17) Carbon Disulfide	4.01	76	129936	19.425	ug/l	99
18) Methyl Acetate	4.28	43	66848	20.138	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	185778	20.199	ug/l	99
20) Methylene Chloride	4.51	84	58988	20.202	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	52488	18.511	ug/l	93
22) Diisopropyl ether	5.90	45	194311	20.081	ug/l	96
23) Vinyl Acetate	5.84	43	811847	101.285	ug/l	98
24) 1,1-Dichloroethane	5.79	63	107277	19.390	ug/l	97
25) 2-Butanone	6.78	43	189253	104.409	ug/l	97
26) 2,2-Dichloropropane	6.78	77	96733	19.092	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	64111	19.659	ug/l	98
28) Bromochloromethane	7.15	49	63539	23.236	ug/l	99
29) Tetrahydrofuran	7.16	42	120522	99.137	ug/l	98
30) Chloroform	7.33	83	110792	19.205	ug/l	96
31) Cyclohexane	7.62	56	90741	18.819	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	102511	19.701	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80641	18.860	ug/l	99
37) Ethyl Acetate	6.88	43	81141	19.101	ug/l	99
38) Carbon Tetrachloride	7.73	117	88003	18.355	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75914	17.804	ug/l	99
40) Benzene	8.00	78	231948	18.992	ug/l	100
41) Methacrylonitrile	7.13	41	36605	19.388	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	103961	19.942	ug/l	99
43) Isopropyl Acetate	8.13	43	138477	19.763	ug/l	100
44) Trichloroethene	8.80	130	58702	18.345	ug/l	99
45) 1,2-Dichloropropane	9.08	63	64755	19.633	ug/l	99
46) Dibromomethane	9.17	93	44012	19.343	ug/l	99
47) Bromodichloromethane	9.37	83	92458	19.717	ug/l	96
48) Methyl methacrylate	9.17	41	70878	20.474	ug/l	94
49) 1,4-Dioxane	9.16	88	20136	409.260	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	417430	101.515	ug/l	100
52) Toluene	10.12	92	146632	19.411	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	96927	19.283	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	101719	19.349	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	59891	19.770	ug/l	99
56) Ethyl methacrylate	10.40	69	86688	20.188	ug/l	98
57) 1,3-Dichloropropane	10.68	76	103782	20.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	238569	103.864	ug/l	99
59) 2-Hexanone	10.72	43	303578	99.382	ug/l	99
60) Dibromochloromethane	10.87	129	66518	18.854	ug/l	98
61) 1,2-Dibromoethane	10.98	107	62391	20.134	ug/l	99
64) Tetrachloroethene	10.60	164	54775	18.251	ug/l	98
65) Chlorobenzene	11.41	112	154233	19.382	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	60981	19.989	ug/l	100
67) Ethyl Benzene	11.48	91	282239	19.492	ug/l	100
68) m/p-Xylenes	11.60	106	203791	37.763	ug/l	97
69) o-Xylene	11.92	106	99778	19.782	ug/l	98
70) Styrene	11.94	104	167791	19.597	ug/l	100
71) Bromoform	12.10	173	44498	19.072	ug/l #	97
73) Isopropylbenzene	12.23	105	264638	19.770	ug/l	100
74) N-amyl acetate	12.05	43	119676	20.600	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84156	20.560	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	78335m	19.364	ug/l	
77) Bromobenzene	12.50	156	65346	19.895	ug/l	96
78) n-propylbenzene	12.57	91	302811	19.438	ug/l	100
79) 2-Chlorotoluene	12.65	91	185497	19.361	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	222936	19.852	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	27256	19.405	ug/l	95
82) 4-Chlorotoluene	12.75	91	197567	19.864	ug/l	100
83) tert-Butylbenzene	12.97	119	181159	19.722	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	227480	20.289	ug/l	100
85) sec-Butylbenzene	13.15	105	229591	19.029	ug/l	100
86) p-Isopropyltoluene	13.26	119	211525	19.818	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	115883	19.502	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	116914	18.897	ug/l	99
89) n-Butylbenzene	13.59	91	179699	18.241	ug/l	99
90) Hexachloroethane	13.85	117	39101	18.905	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	114349	19.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18600	19.376	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55217	18.391	ug/l	99
94) Hexachlorobutadiene	14.98	225	30736	19.302	ug/l	99
95) Naphthalene	15.11	128	179884	19.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	54371	18.535	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

